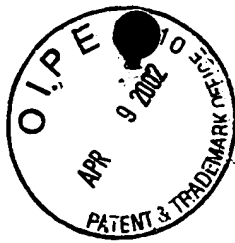


42390P11314



PATENT

*Receipt*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kottapalli et al.

Serial No.: 09/896,346

Filed: June 28, 2001

For: MECHANISM FOR PROVIDING  
HIGH INSTRUCTION FETCH  
BANDWIDTH IN A MULT-  
THREADED PROCESSOR

Assistant Commissioner of Patents  
Washington, D.C. 20231

**RECEIVED**

APR 15 2002

Technology Center 2100

Examiner: Not yet assigned

Group Art Unit: Not yet assigned

REQUEST FOR CORRECTION OF FILING RECEIPT

Dear Sir:

In an Updated Filing Receipt for the above patent application dated January 11, 2002, the title was recorded incorrectly as follows:

MACHANISM FOR PROVIDING HIGH INSTRUCTION FETCH BANDWIDTH IN A  
MULTI-THREADED PROCESSOR

The correct title is as follows:

MECHANISM FOR PROVIDING HIGH INSTRUCTION FETCH BANDWIDTH IN A  
MULTI-THREADED PROCESSOR

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

on March 27, 2002

Date of Deposit

Raquel R. Torres

Name of Person Mailing Correspondence

Signature

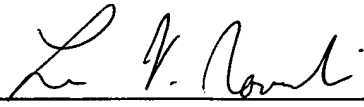
Date

3/27/02

Please correct your records to reflect the above information and then forward to us a corrected filing receipt. Enclosed is a copy of the signed Declaration/Power of Attorney and a copy of the filing receipt marked with the appropriate correction

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 3/25/02, 2002   
Leo V. Novakoski  
Reg. No. 37,198

12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, California 90025  
(408)720-8300



## UNITED STATES PATENT AND TRADEMARK OFFICE

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UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/896,346	06/28/2001	2183	898	42390P11314	4	26	4

CONFIRMATION NO. 8329

## UPDATED FILING RECEIPT

Leo V. Novakoski  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN  
12400 Wilshire Boulevard, Seventh Floor  
Los Angeles, CA 90025-1026

**RECEIVED**  
JAN 15 2002



C000000007296580

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN  
LOS ANGELES

Date Mailed: 01/11/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Sailesh Kottapalli, Milpitas, CA;  
James S. Burns, Cupertino, CA;  
Kenneth D. Shoemaker, Los Altos Hills, CA;

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APR 15 2002

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Technology Center 2100

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 08/20/2001

Projected Publication Date: 01/02/2003

Non-Publication Request: No

Early Publication Request: No

**ENTERED**  
JAN 16 2002

STATUS DB-LA

## Title

~~Mechanism~~ for providing high instruction fetch bandwidth in a multi-threaded processor  
Mechanism

## Preliminary Class

712

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

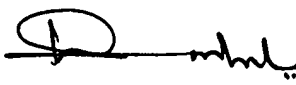
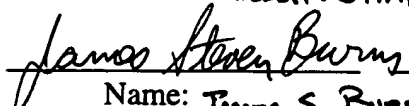
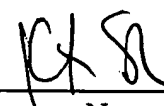
**NOT GRANTED**

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In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Sailesh Kottapalli, James S. Burns and Kenneth Shoemaker, hereby sell, assign, and transfer to Intel Corporation a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled Mechanism for Providing High Instruction Fetch Bandwidth in a Multi-Threaded Processor, and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements, and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements' execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible that said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives' and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Please list the date that you signed the Declaration and Power of Attorney:

<u>22<sup>nd</sup> JUNE</u> , 2001		<u>22<sup>nd</sup> JUNE</u> , 20 <u>01</u>
Date	Name: SAILESH KOTTAPALLI	Date
<u>22<sup>nd</sup> June</u> 2001		<u>22<sup>nd</sup> June</u> , 20 <u>01</u>
Date	Name: JAMES S. BURNS	Date
<u>22<sup>nd</sup> June</u> , 2001		<u>22<sup>nd</sup> June</u> , 20 <u>01</u>
Date	Name: KENNETH D. SHOEMAKER	Date



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Bib Data Sheet

CONFIRMATION NO. 8329

<b>SERIAL NUMBER</b> 09/896,346	<b>FILING DATE</b> 06/28/2001 <b>RULE</b>	<b>CLASS</b> 712	<b>GROUP ART UNIT</b> 2183	<b>ATTORNEY DOCKET NO.</b> 42390P11314
<b>APPLICANTS</b> Sailesh Kottapalli, Milpitas, CA; James S. Burns, Cupertino, CA; Kenneth D. Shoemaker, Los Altos Hills, CA;				
<b>** CONTINUING DATA *****</b>  <b>** FOREIGN APPLICATIONS *****</b>				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 08/20/2001</b>				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance		<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWING</b> 4	<b>TOTAL CLAIMS</b> 26
Verified and Acknowledged Examiner's Signature _____ Initials _____			<b>INDEPENDENT CLAIMS</b> 4	
<b>ADDRESS</b> Leo V. Novakoski BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 12400 Wilshire Boulevard, Seventh Floor Los Angeles, CA 90025-1026				
<b>TITLE</b> Mechanism for providing high instruction fetch bandwidth in a multi-threaded processor				
<b>FILING FEE RECEIVED</b> 898	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	